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(54) **EXHAUST EMISSION CONTROL METHOD FOR  
 DIESEL ENGINE**

reduction catalyst 5.

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(57) Abstract:

**PROBLEM TO BE SOLVED:** To achieve a practical use of an emission exhaust gas purification device in which by control NOx is released actively from a NOx storage compound according to a reactive temperature range of a NOx reduction catalyst, and the NOx storage compound is compatibly used as the NOx reduction catalyst.

**SOLUTION:** NOx in exhaust gas 2 is oxidized and stored as nitrate temporarily by a NOx storage compound 4. By adding at least one kind among H<sub>2</sub>, CO, and HC to the exhaust gas 2, while an engine is operated with a necessarily reduced intake air amount to be leaner than a stoichiometric air-fuel ratio, NOx is decomposed and released from the NOx storage compound 4 so as to regenerate the NOx storage compound 4. The released NOx is reduced and purified through being reacted with at least one kind among H<sub>2</sub>, CO, and HC on a NOx

